

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) An apparatus for processing electronic tag information, the apparatus receiving product identification codes read from electronic tags, the apparatus comprising:

a processor; and

a storage device, coupled to the processor, having a computer program stored therein;

wherein product information is provided, or stored in the storage device,

characterized in that the product information includes: an identification code of a set product; an identification code of individual products contained in the set product; and a number of the individual products, and

the computer program causes the processor to substantially perform the steps of:

(a) for each product identification code read from an electronic tag and provided, incrementing a corresponding

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product cumulative count  $N_i$ , where " $i$ " corresponds to a  
product identification code;

(b) referring to the product information, when  
judging that the product identification code read from the  
electronic tag and provided is a set product, subtracting a  
number  $n_j$  of individual products of the set product from a  
product cumulative count  $N_j$  of the individual products; and

(c) in response to the end of information-reading  
from at least one electronic tag, outputting information  
associated with a product identification code whose product  
cumulative count  ~~$N_i$~~   $N_k$  is not zero and the product cumulative  
count  ~~$N_i$~~   $N_k$ .

2. (Currently Amended) The apparatus for processing  
electronic tag information according to claim 1,

wherein the product information further includes:  
the identification code, name, and price of an individual  
product; and the name and price of the set product,

wherein the computer program further causes the  
processor to perform the step of:

calculating the product of the price and the product  
cumulative count  $N_i$  of a product having an identification code  
whose product cumulative count  $N_i$  is not zero; and

~~in response to the end of the information reading,~~  
in step (c), as the associated information, outputting the  
product name and product of each corresponding product  
identification code, and the cumulative sum of the products.

3. (Currently Amended) The apparatus for processing  
electronic tag information according to ~~any one of claims 1-2~~  
claim 1,

wherein a mode signal is further provided,

wherein the computer program causes the processor  
to, ~~in response to the end of the information reading in step~~  
(c) when the mode signal indicating a set product verification  
mode, output excess or deficiency information of individual  
products contained in a set product when the product  
cumulative count  $N_j$  of the individual products is not zero.

4. (Currently Amended) The apparatus for processing  
electronic tag information according to ~~any one of claims 1-3~~  
claim 1,

wherein a mode signal is further provided,

wherein the computer program causes the processor  
to, ~~in response to the end of the information reading in step~~  
(c) when the mode signal indicating a sale statement mode,  
output deficiency information of individual products contained

in a set product when the product cumulative count  $N_j$  of the individual products is a negative value.

5. (Currently Amended) The apparatus for processing electronic tag information according to ~~any one of claims 1-4~~ claim 4,

wherein the product information further includes ~~an identification code of each product and set/individual information indicating whether the product is a set product or not,~~ a table having a field of product identification code and a field of flag indicating whether or not the product is a set product, and

wherein the computer program causes the processor to, in step (b), judge whether or not a set product based on the table.

6. (Currently Amended) A POS terminal comprising an apparatus for processing electronic tag information according to ~~any one of claims 1-5~~ claim 5, wherein the product information is provided from other information processing apparatus which manages the product information in a unified way.

7. (Currently Amended) A computer program product,  
comprising: a computer readable storage medium having a  
computer program stored thereon for processing electronic tag  
information, wherein the computer program causes a processor  
coupled to a storage device to substantially perform the steps  
of, under the condition that product information is provided,  
or stored in the storage device, wherein the product  
information includes: an identification code of a set product;  
an identification code of individual products contained in the  
set product; and a number of the individual products:

(a) for each product identification code read from  
an electronic tag and provided, incrementing a corresponding  
product cumulative count  $N_i$ , where "i" corresponds to a  
product identification code;

(b) referring to the product information, when  
judging that the product identification code read from the  
electronic tag and provided is a set product, subtracting a  
number  $n_j$  of individual products of the set product from a  
product cumulative count  $N_j$  of the individual products; and

(c) in response to the end of information-reading  
from at least one electronic tag, outputting information  
associated with a product identification code whose product  
cumulative count  ~~$N_i$~~   $N_k$  is not zero and the product cumulative  
count  ~~$N_i$~~   $N_k$ .